

GENERAL NOTES:

- 1. ALL ELEVATIONS IN THESE PLANS REFERENCE NAVD 1988 VERTICAL DATUM.
2. LBVD, INC. SHALL NOT HAVE AUTHORITY OVER THE SITE OR BUILDING CONTRACTORS' WORK OR RESPONSIBILITIES.
3. LBVD, INC. IS NOT RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION OR SITE SAFETY PROCEDURES.
4. THESE PLANS SHALL NOT BE USED FOR CONSTRUCTION UNLESS THEY BEAR A STAMP FROM THE CITY OF JACKSONVILLE STATING THAT THEY HAVE BEEN APPROVED FOR CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS AND PAYING ALL PERMIT FEES.
6. SURVEY INFORMATION INCLUDING BUT NOT LIMITED TO EXISTING SITE GRADES AND ELEVATIONS, LOCATION OF EXISTING IMPROVEMENTS, EXISTING PIPE INVERTS, EASEMENTS, RIGHTS OF WAY, AND OTHER TOPOGRAPHIC OR SURVEY INFORMATION HAS BEEN PREPARED BY OTHER PROFESSIONALS.
7. INFORMATION REFER TO PROVIDED COPY OF SITE SURVEY AS PREPARED BY AND SIGNED/SEALED BY CHARLES BASSETT & ASSOCIATES, INC.
8. CONTRACTOR SHALL VERIFY SITE BOUNDARY AND TOPOGRAPHIC/SURVEY INFORMATION AND NOTIFY LBVD, INC. OF ANY DISCREPANCIES PRIOR TO SUBMITTING PRICES OR ORDERING MATERIALS.
9. ALL EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND OTHER UTILITIES MAY EXIST.
10. PRIOR TO ORDERING ANY MATERIALS THE CONTRACTOR SHALL SUBMIT COPIES OF ALL SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL.
11. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PROPERTY CORNERS AND SURVEY BENCHMARKS AND TO IMMEDIATELY REPAIR OR RESTORE THEM IF DAMAGED OR DISTURBED DURING CONSTRUCTION.
12. IT SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THE PROTECTION OF ADJACENT PROPERTIES AND EXISTING ON OR OFF SITE STRUCTURES, UTILITIES, AND OTHER IMPROVEMENTS TO REMAIN, AND IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGE CAUSED BY THE CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT.
13. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP APPLICABLE BEST MANAGEMENT PRACTICES (BMP'S) TO ENSURE THE CONTROL OF EROSION AND SEDIMENT, OFF-SITE TRACKING, SPILLS, SANITARY WASTE, FERTILIZERS & PESTICIDES, FUEL STORAGE, SOLID WASTE DISPOSAL, STORMWATER DISCHARGES, NON-STORMWATER DISCHARGES, AND HAZARDOUS WASTE.
14. ALL WORK OR MATERIALS WHICH DO NOT CONFORM TO THE SPECIFICATIONS OF THE CITY OF JACKSONVILLE ENGINEERING DESIGN STANDARDS OR APPLICABLE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS OR ANY WORK PERFORMED WITHOUT AN INSPECTION BY A REPRESENTATIVE OF THE CITY OF JACKSONVILLE BUILDING DEPARTMENT IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
15. AT THE COMPLETION OF WORK, THE ENTIRE PROJECT SITE AND ANY ADJACENT AREAS AFFECTED BY CONSTRUCTION ACTIVITIES SHALL BE THOROUGHLY CLEANED AND DISTURBED AREAS SHALL BE RESTORED. THE CONTRACTOR SHALL AT A MINIMUM CLEAN ALL INSTALLED AND PRE-EXISTING STRUCTURES AND PIPELINES AFFECTED BY CONSTRUCTION, CLEAR ACCUMULATED SILTS FROM PONDS, SWALES, AND OTHER DRAINAGE FACILITIES, AND CLEAN ALL SIDEWALKS, GUTTERS, AND PAVED AREAS.

GRADING NOTES:

- 1. NO GEOTECHNICAL REPORT IS AVAILABLE FOR THIS PROJECT. THE CONTRACTOR SHALL VISIT THE SITE AND COMPLETE ANY EXPLORATIONS THAT IT FEELS NECESSARY IN ORDER TO PROVIDE A SATISFACTORY BID.
2. SANDY OR ORGANIC MATERIAL SHOULD BE REMOVED TO ITS ENTIRE VERTICAL LIMITS AND TO A MINIMUM HORIZONTAL MARGIN EQUIVALENT TO THE DEPTH OF MUCK OUTSIDE THE DEVELOPMENT AREA.
3. ALL TOPSOIL WITHIN THE PROPOSED LIMITS OF GRADING SHALL BE STRIPPED AND SHALL BE STOCKPILED ON-SITE IN AN APPROVED LOCATION FOR LATER USE DURING FINISHED GRADING AND LANDSCAPING ACTIVITIES.
4. ALL STOCKPILES SHALL BE STABILIZED TO PREVENT EROSION.
5. COORDINATE THE SEQUENCING OF ALL CLEARING AND GRUBBING AND GRADING ACTIVITIES WITH THE EROSION CONTROL PLAN.
6. ALL AREAS THAT WILL NOT BE WORKED FOR A PERIOD OF 7 DAYS OR MORE SHALL BE STABILIZED WITH SEED AND MULCH OR OTHER ACCEPTABLE MEANS.
7. LIMITS OF LAND CLEARING SHALL BE 5' OUTSIDE OF ALL AREAS TO BE GRADED OR NOT BEYOND THE PROPERTY LINES.
8. THE CONTRACTOR SHALL EXCAVATE THE PROPOSED STORMWATER POND(S) OR AN APPROPRIATELY SIZED SEDIMENTATION BASIN AT THE COMMENCEMENT OF GRADING ACTIVITIES AND SHALL DIRECT SITE RUNOFF TO THESE LOCATIONS IN ORDER TO MINIMIZE OFFSITE RUNOFF.
9. PROPOSED GRADES INDICATED ON THIS PLAN ARE TO FINISHED GRADE. THE CONTRACTOR SHALL MAKE SUBGRADE ADJUSTMENTS FOR TOPSOIL, PAVING, BUILDING PAD, ETC.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL STORMWATER PONDS AND SWALES ARE CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.
11. ALL GRADING ADJACENT TO EXISTING OR PROPOSED BUILDINGS SHALL BE SLOPED AWAY FROM THE STRUCTURES AT A MINIMUM OF 1.0% GRADE.
12. THE MAXIMUM SLOPE IN ACCESSIBLE PARKING AREAS SHALL NOT EXCEED 2.0% GRADE IN ANY DIRECTION.
13. COMPACTION TESTS SHALL BE TAKEN AT THE RECOMMENDATION OF THE ON-SITE GEOTECHNICAL ENGINEER.
14. AREAS WITH LIMITED SPACES SUCH AS FOR INSTALLATION OF MANHOLES, INLETS, OR UTILITY TRENCHES SHOULD BE BACKFILLED AND COMPACTED METHODOICALLY.
15. SUBGRADE SHALL BE PROOF ROLLED WITH A HEAVILY LOADED TRUCK AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING FILL.
16. IN THE EVENT THAT THE SUBGRADE IS AFFECTED BY INCLEMENT WEATHER OR CONSTRUCTION TRAFFIC AFTER IT HAS BEEN INITIALLY PREPARED THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING IT TO THE PROPER CONDITION PRIOR TO PLACING FILL.
17. FILL MATERIAL SHALL HAVE THE FOLLOWING PROPERTIES: FINE SANDS NO ROCK FRAGMENTS GREATER THAN 4" WITHIN 4" OF FINISH GRADE.
18. FILL MATERIAL SHALL BE COMPACTED TO 95% MODIFIED DRY DENSITY IN NON-STRUCTURAL AND LANDSCAPED AREAS.
19. FILL SLOPES SHOULD BE BENCHED INTO THE EXISTING SLOPES AND SHOULD BE COORDINATED WITH THE ON-SITE GEOTECHNICAL ENGINEERING FOR DEPTH OF BENCH INTO THE SLOPE.
20. EXCAVATIONS OR STOCKPILED EXCAVATION MATERIALS SHALL NOT BLOCK ACCESS TO OFF-SITE SIDEWALKS, ROADS, OR DRIVEWAYS UNLESS AN ADEQUATE BYPASS ROUTE IS PROVIDED.
21. THE CONTRACTOR SHALL PROVIDE NECESSARY SAFETY AND PROTECTIVE DEVICES AT ALL EXCAVATIONS AREAS.
22. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY, AT NO ADDITIONAL COST TO THE OWNER, TO PROVIDE AND MAINTAIN ANY SHEETING, BRACING, SHORING, ETC. REQUIRED TO CONTAIN EXCAVATIONS AND STOCKPILES WITHIN THE PROPERTY OR EASEMENTS PROVIDED, TO STABILIZE THE SIDES OF THE EXCAVATION, TO BE IN ACCORDANCE WITH OSHA REQUIREMENTS, AND TO PREVENT ANY MOVEMENT WHICH MAY CAUSE DAMAGE TO ADJACENT STRUCTURES OR PAVEMENT.

DEWATERING NOTES:

- 1. ALL DEWATERING ACTIVITIES SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR SHALL DESIGN AND IMPLEMENT A DEWATERING SYSTEM OF SUFFICIENT SIZE AND CAPACITY TO CONTROL GROUNDWATER IN A MANNER THAT PRESERVES STRENGTH OF FOUNDATION SOILS, DOES NOT CAUSE INSTABILITY OR SLOUGHING OF EXCAVATION SLOPES, AND DOES NOT RESULT IN DAMAGE TO EXISTING STRUCTURES.
3. WHERE NECESSARY, THE CONTRACTOR SHALL LOWER THE WATER LEVEL IN ADVANCE OF EXCAVATION, UTILIZING WELLS, PUMP-OUT POINTS, OR SIMILAR POSITIVE METHODS.
4. MAINTAIN THE GROUNDWATER LEVEL TO A MINIMUM OF 2 FEET BELOW EXCAVATIONS OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
5. DISCHARGE FROM DEWATERING ACTIVITIES SHALL NOT CAUSE ADVERSE IMPACTS TO OFF-SITE WATER BODIES OR STORMWATER SYSTEMS OR TO WATER QUALITY.
6. NON-STORMWATER DEWATERING DISCHARGES CANNOT BE DISCHARGED WITHOUT PRIOR NOTICE TO AND APPROVAL FROM FDEP AND THE LOCAL WATER MANAGEMENT DISTRICT.
7. FDEP MAY REQUIRE A SEPARATE NPDES PERMIT FOR DEWATERING ACTIVITIES.
8. THE CONTRACTOR SHALL BE REQUIRED TO PERMIT THE DEWATERING SYSTEM WITH THE LOCAL WATER MANAGEMENT DISTRICT IF DEWATERING EQUIPMENT NEEDED EXCEEDS ANY OF THE FOLLOWING:
a. 100,000 GPD TOTAL 24 HOUR (1 DAY) DEWATERING;
b. 1,000,000 GPD PUMP CAPACITY;
c. GROUNDWATER WELL SIZE IS 8" DIAMETER OR GREATER;
d. CUMULATIVE OUTSIDE DIAMETER OF SURFACE WATER WITHDRAWAL PIPES IS 6" IN DIAMETER OR GREATER.
9. OPEN PUMPING WITH PUMPS AND DITCHES SHALL BE ALLOWED, PROVIDED IT DOES NOT RESULT IN BOILS, LOSS OF FINES, SOFTENING OF THE GROUND, OR INSTABILITY OF SLOPES.
10. CONTINUOUSLY MAINTAIN EXCAVATIONS IN A DRY CONDITION WITH POSITIVE DEWATERING METHODS DURING PREPARATION OF SUBGRADE, INSTALLATION OF PIPE, AND CONSTRUCTION OF STRUCTURES UNTIL THE CRITICAL PERIOD OF CONSTRUCTION AND/OR BACKFILL IS COMPLETED TO PREVENT DAMAGE OF SUBGRADE SUPPORT, PIPING, STRUCTURE, SIDE SLOPES, OR ADJACENT FACILITIES FROM FLOTATION OR OTHER HYDROSTATIC PRESSURE IMBALANCE.
11. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL REMOVE ALL DEWATERING EQUIPMENT FROM THE SITE, INCLUDING WELLS AND RELATED TEMPORARY ELECTRICAL SERVICE.

TRAFFIC CONTROL NOTES:

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND IMPLEMENTING A TRAFFIC CONTROL PLAN PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE CONTRACTOR SHALL OUTLINE THE USE OF BARRICADES, TEMPORARY AND PERMANENT PAVEMENT MARKINGS, TRAFFIC CONTROL SIGNAGE, FLAGMEN AND ANY OTHER TRAFFIC CONTROL MEASURES AS NEEDED TO MAINTAIN SAFE AND CONSISTENT TRAFFIC FLOW AND SAFETY FOR WORKERS AND PEDESTRIANS DURING ALL CONSTRUCTION ACTIVITIES.
3. TRAFFIC CONTROL PLAN AND ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FOOT INDEX NO. 600 LATEST EDITIONS.
4. UNLESS OTHERWISE AUTHORIZED IN THE APPROVED TRAFFIC CONTROL PLAN, ALL PROPOSED ROADWAY AND DRIVEWAY LANE CLOSURES SHALL BE LIMITED TO THE HOURS BETWEEN 9:00 A.M. AND 4:00 P.M.
5. THE CONTRACTOR SHALL CONTACT ANY PROPERTY OWNERS AFFECTED BY CONSTRUCTION ACTIVITIES, AND SHALL COORDINATE THE SEQUENCING OF TEMPORARY DRIVEWAY CLOSURES IN ORDER TO MAINTAIN ACCESS FOR ALL PROPERTY OWNERS DURING CONSTRUCTION.

EROSION AND SEDIMENTATION CONTROL NOTES:

- 1. EROSION AND SEDIMENT CONTROL IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
2. EROSION AND SEDIMENT CONTROLS ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN CONSTRUCTION.
3. THE EROSION AND SEDIMENT CONTROL MEASURES OUTLINED IN THESE PLANS ARE REPRESENTATIVE OF BEST MANAGEMENT PRACTICES, AND ARE INTENDED TO MEET THE MINIMUM ACCEPTABLE STANDARDS FOR EROSION AND SEDIMENT CONTROL AND ENSURE COMPLIANCE WITH RULES OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AND THE LOCAL WATER MANAGEMENT DISTRICT.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FILE 'NOTICE OF INTENT (NOI) FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER AN NPDES GENERAL PERMIT'.
5. IN ADDITION TO THIS PLAN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CREATING AND MAINTAINING A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN ACCORDANCE WITH FDEP REGULATIONS.
6. THE SWPPP SHALL BE AMENDED WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATIONS OR MAINTENANCE, WHICH HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR DISCHARGE OF POLLUTANTS TO WETLANDS OR SURFACE WATERS OF THE STATE, OR A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4).
7. THE SWPPP SHALL BE AMENDED IF IT PROVES TO BE INEFFECTIVE AND/OR TO INDICATE ANY NEW CONTROL MEASURES AND/OR SUBCONTRACTOR THAT WILL IMPLEMENT ANY MEASURE OF THE SWPPP.

QUALITY CONTROL TESTING, INSPECTIONS AND APPROVALS:

- 1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNDER AND IN COMPLIANCE WITH THE TESTING REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS, AS WELL AS ANY AND ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT, TO PERFORM ALL NECESSARY QUALITY CONTROL TESTING, AND TO OBTAIN ANY NECESSARY INSPECTIONS AND APPROVALS OF WORK PERFORMANCE FROM ALL MATERIALS UTILIZED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH TESTING, INSPECTION, AND APPROVAL OF WORK AND SHALL PROVIDE TO THE OWNER AND ENGINEER THE REQUIRED CERTIFICATES FOR TESTING, INSPECTIONS, OR APPROVALS.
3. TESTING SHALL INCLUDE AT A MINIMUM:
a. CONCRETE AND ASPHALT PAVING QUALITY CONTROL TESTING INCLUDING DESIGN MIX REVIEW,
b. MEASUREMENT OF SLURRY AIR CONTENT, AND FIELD AND LAB CURED STRENGTH SAMPLES AND TESTING,
c. PIPING AND STRUCTURAL EXCAVATION BEDDING AND BACKFILL MATERIALS AND DENSITY TESTS,
d. DETERMINATION OF COMPACTIVE EFFORT NEEDED FOR COMPLIANCE WITH THE DENSITY REQUIREMENTS,
e. PENETRATION AND LEAKAGE TESTING AS REQUIRED FOR WATER DISTRIBUTION, SANITARY SEWER AND STORM SEWER TESTS.
4. THE CONTRACTOR SHALL CLEAN ALL INSTALLED LINES AND STRUCTURES PRIOR TO ANY TESTING PROCEDURES.
5. ANY DESIGN OR TESTING LABORATORY UTILIZED BY THE CONTRACTOR SHALL BE AN INDEPENDENT LABORATORY ACCEPTABLE TO THE OWNER AND THE ENGINEER, AND SHALL BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO BEGINNING WORK.
6. THE LAB SHALL COMPLY WITH THE LATEST EDITION OF THE 'RECOMMENDED REQUIREMENTS FOR INDEPENDENT LABORATORY QUALIFICATION', PUBLISHED BY THE AMERICAN COUNCIL OF INDEPENDENT LABORATORIES.

EROSION CONTROL BEST PRACTICES:

- 1. CONSTRUCTION ACTIVITIES SHOULD BE PLANNED IN PHASES WITH THE MINIMUM AMOUNT OF LAND DISTURBANCE NECESSARY TO DEVELOP OCCURRING IN EACH PHASE IN ORDER TO REDUCE THE EROSION POTENTIAL OF THE SITE.
2. PERIMETER CONTROLS, SEDIMENT TRAPS, BASINS, DIVERSIONS, AND OTHER EROSION CONTROLS SHOULD BE INSTALLED PRIOR TO ANY LAND DISTURBANCE AND MAINTAINED UNTIL CONSTRUCTION IS COMPLETE.
3. CONSTRUCTION ENTRANCE/EXIT PADS SHOULD BE INSTALLED PRIOR TO ANY LAND DISTURBANCE ACTIVITIES AND SHOULD BE MONITORED REGULARLY FOR EFFECTIVENESS IN MINIMIZING OFF-SITE SEDIMENT TRACKING.
4. STORAGE AREAS, VEHICLE WASH DOWN AREAS, CONCRETE WASHOUT AREAS, WASTE COLLECTION AND DISPOSAL AREAS, AND OTHER POTENTIAL POLLUTION SOURCES SHOULD BE CLEARLY DELINEATED ON THE SITE WITH SIGNAGE SO THEY CAN BE EASILY LOCATED AND UTILIZED.
5. A RAIN-GAUGE SHALL BE MAINTAINED ON THE SITE TO MONITOR RAINFALL EVENTS.
6. EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED WITHIN 24 HOURS AFTER EACH 1/2-INCH RAINFALL EVENT AND AT LEAST ONCE A WEEK, AND IN ACCORDANCE WITH THE SWPPP AND ALL APPLICABLE STATE, FEDERAL, AND LOCAL REGULATION.
7. ALL AREAS THAT WILL NOT BE WORKED FOR A PERIOD OF 7 DAYS OR MORE SHALL BE STABILIZED WITH SEED AND MULCH OR OTHER ACCEPTABLE MEANS.
8. STOCKPILES AND EXCAVATED MATERIALS SHOULD NOT BE PLACED NEAR WETLANDS OR WATER BODIES AND SHOULD BE ENCLOSED WITH PROPER SEDIMENT CONTROLS.
9. SPECIAL CONSIDERATIONS SHOULD BE TAKEN WHEN CLAYS, MUCK, SILTS, AND OTHER FINE PARTICLES ARE PRESENT ON SITE AS THEY PRESENT A HIGHER RISK FOR EROSION AND TURBIDITY PROBLEMS.

INSPECTION AND MAINTENANCE:

- 1. THE CONTRACTOR SHALL DESIGNATE AN INDIVIDUAL RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL INSTALLATION AND MAINTENANCE ON A 24 HOUR BASIS.
2. THE CONTRACTOR OR OTHER DESIGNATED INDIVIDUAL IS REQUIRED TO INSPECT AND MAINTAIN ALL CONTROLS WEEKLY AND WITHIN 24 HOURS AFTER A RAINSTORM EVENT IN EXCESS OF 1/2 INCH.
3. THE DESIGNATED INSPECTOR MUST BE A QUALIFIED EROSION AND SEDIMENT CONTROL INSPECTOR AS DEFINED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
4. THE INSPECTOR SHALL BE RESPONSIBLE FOR MEETING THE FOLLOWING OBJECTIVES AT A MINIMUM:
4.1. CONFIRM THAT ALL EROSION AND SEDIMENT CONTROL MEASURES AND OTHER BMP'S HAVE BEEN PROPERLY INSTALLED AND MAINTAINED PER THE APPROVED EROSION CONTROL PLAN AND SWPPP.
4.2. CONFIRM THAT EROSION IS BEING EFFECTIVELY CONTROLLED.
4.3. CONFIRM THAT OFF-SITE SEDIMENTATION IS BEING PREVENTED.
4.4. CONFIRM THAT NO TURBIDITY IS BEING GENERATED IN RECEIVING WATERS.
5. THE INSPECTOR SHALL IMMEDIATELY RECORD AND REPORT ALL INSPECTION FINDINGS AND CORRECTIVE ACTIONS TAKEN AS A RESULT OF THE INSPECTION.
6. INSPECTION REPORT FORMS SHALL BE A PART OF THE SWPPP AND SAMPLE FORMS CAN BE OBTAINED FROM THE FDEP.

PROTECTION OF WETLANDS AND SURFACE WATERS:

- 1. IT SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE WATER QUALITY OF DOWNSTREAM OR ADJACENT WETLANDS AND SURFACE WATERS IS PROTECTED DURING CONSTRUCTION ACTIVITIES.
2. WHERE APPROPRIATE OR WHEN REQUIRED BY STATE, FEDERAL OR LOCAL AGENCIES, DOWNSTREAM RECEIVING WATERS SHALL BE MONITORED THROUGHOUT CONSTRUCTION FOR TURBIDITY AND PH.
3. EROSION CONTROL AND TURBIDITY CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED IN ACCORDANCE WITH THE SWPPP AND BEST MANAGEMENT PRACTICES WHICH INCLUDE THE FOLLOWING:
3.1. EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION;
3.2. DISTURBANCE SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE, FINAL STABILIZATION IS ESTABLISHED AND THE DESIGNATED INSPECTOR HAS APPROVED THEIR REMOVAL;
3.3. EROSION CONTROL INLET PROTECTION SHALL BE PROVIDED FOR ALL NEW AND EXISTING STORMWATER INLETS AND OUTFALL STRUCTURES.
4. WETLANDS AND SURFACE WATERS AS DELINEATED ON THESE PLANS OR AS REQUIRED BY ANY STATE, FEDERAL OR LOCAL AGENCIES SHALL BE PROTECTED DURING CONSTRUCTION.
5. STOCKPILES AND EXCAVATED MATERIALS SHOULD NOT BE PLACED NEAR WETLANDS OR WATER BODIES AND SHOULD BE ENCLOSED WITH PROPER SEDIMENT CONTROLS.
6. PARKING AND MAINTENANCE AREAS FOR CONSTRUCTION EQUIPMENT SHALL BE DESIGNED TO PREVENT OIL, GREASE AND LUBRICANTS FROM DISCHARGING INTO SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS.
7. INSPECT AND MAINTAIN ALL EROSION AND TURBIDITY CONTROLS WEEKLY AND WITHIN 24 HOURS AFTER A RAINSTORM EVENT IN EXCESS OF 1/2 INCH.

CONTROL OF WIND EROSION:

- A. FUGITIVE DUST SHALL NOT BE ALLOWED TO LEAVE THE SITE WHILE UNDER CONSTRUCTION.
B. BARE EARTH AREAS AND STOCKPILES SHALL BE WATERED, COVERED, OR VEGETATED TO PREVENT EROSION AND FUGITIVE DUST EMISSIONS.
C. CONSTRUCTION VEHICLE SPEED SHALL BE LIMITED IN CASES WHERE BARE EARTH HAS NOT BEEN EFFECTIVELY WATERED.
D. FOR AREAS TO ULTIMATELY BE VEGETATIVE, PERMANENT VEGETATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF FINAL GRADING.
E. THE CONTRACTOR SHALL IMPLEMENT OTHER MEANS OF DUST CONTROL, SUCH AS DUST CONTROL FENCES, AS NECESSARY WHEN WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR FUGITIVE DUST EMISSIONS.

PROJECT DESCRIPTION:

- 1. SITE LOCATION: THE SITE IS LOCATED AT 13049 MAIN STREET N., JACKSONVILLE, FL 32218.
2. PROJECT AREA: THE TOTAL PROJECT AREA IS 1.15 ± ACRES. THE AREA TO BE DISTURBED IS 0.99 ± ACRES.
3. EXISTING SITE CONDITIONS: THE EXISTING SITE IS DEVELOPED WITH AN EXISTING COMMERCIAL BUILDING AND PAVED PARKING AREA.
4. STORMWATER MANAGEMENT SYSTEM IS EXISTING. NO ALTERATIONS PROPOSED.
5. STATE AND LOCAL PERMITS AND APPROVALS: THE FOLLOWING PERMITS OR APPROVALS HAVE BEEN ISSUED FOR THE CONSTRUCTION OF THE STORMWATER FACILITIES FOR THIS PROJECT.
• SJRWMD ERP SELF-CERTIFICATION

SEE EROSION CONTROL PLAN FOR ADDITIONAL CONSTRUCTION SEQUENCING NOTES.
6.1. INSTALLATION OF PERIMETER CONTROLS AND INLET PROTECTION
6.2. CONSTRUCTION OF SEDIMENT BASIN
6.3. CLEARING AND GRUBBING
6.4. SITE GRADING (ALL AREAS THAT WILL NOT BE WORKED FOR A PERIOD OF 7 DAYS OR MORE SHALL BE STABILIZED WITH SEED AND MULCH OR OTHER ACCEPTABLE MEANS).
6.5. SITE DEVELOPMENT AND BUILDING CONSTRUCTION
6.6. FINAL STABILIZATION.

AS PART OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED AND MAINTAINED BY THE CONTRACTOR, THE SITE CONTRACTOR SHALL PREPARE A CONSTRUCTION SCHEDULE. THIS SCHEDULE SHALL INCLUDE THE DATE GRADING WILL BEGIN, THE EXPECTED DATE OF FINAL STABILIZATION, AND THE SCHEDULE FOR INSTALLATION AND MAINTENANCE OF SPECIFIC CONTROL MEASURES AS RELATED TO THE SCHEDULE OF CONSTRUCTION ACTIVITIES. IN CASE OF DISCREPANCIES, SEQUENCING OUTLINED IN THE SWPPP SHALL PREVAIL.

REFERENCES:

- 1. THE CONSTRUCTION PLANS AND SPECIFICATIONS FOR JOB # 402-19-013 AS PREPARED BY LBVD, INC. IN JULY 2019 ARE HEREBY REFERENCED AND MADE A PART OF THIS PLAN.

AS-BUILT DRAWING REQUIREMENTS:

- 1. PRIOR TO FINAL INSPECTION, THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER AN AS-BUILT SURVEY DOCUMENTING AS-BUILT CONDITIONS.
2.1. SPECIFY THE HORIZONTAL AND VERTICAL DATUM REFERENCED.
2.2. WHERE THE PLANS CONTAIN SPECIFIC HORIZONTAL LOCATION AND/OR VERTICAL ELEVATION DATA, THE AS-BUILT DRAWINGS SHALL SHOW THE CORRESPONDING HORIZONTAL LOCATION AND/OR VERTICAL ELEVATION AS MEASURED IN THE FIELD.
2.3. FINISHED FLOOR ELEVATIONS OF ALL STRUCTURES.
2.4. FOR ROADWAY AND DRIVE AISLES, PROVIDE PAVEMENT WIDTH AND ELEVATIONS AT THE CENTERLINE AND EDGE OF PAVEMENT EVERY 100 FEET PLUS ALL CHANGES IN LONGITUDINAL SLOPE OR CROSS SLOPE.
2.5. FOR PARKING LOTS, RECORD CENTERLINE AND EDGE OF PAVEMENT ELEVATIONS ALONG ALL DRIVE AISLES AND ISLANDS AND SHOW THE DEPTH AND WIDTH OF PARKING STALLS.
2.6. PROVIDE HORIZONTAL AND VERTICAL MEASUREMENTS FOR ALL PARKING AREAS AND SIDEWALK RAMPS DESIGNATED AS HANDICAP ACCESSIBLE ROUTES IN ORDER TO VERIFY REQUIRED WIDTHS AND SLOPES HAVE BEEN MET.
2.7. STORMWATER DRAINAGE SYSTEMS (BOTH OPEN CONVEYANCE AND PIPED SYSTEMS) INCLUDING DIMENSIONS, ELEVATIONS, CONTOURS AT ONE FOOT INTERVALS, AND CROSS SECTIONS OF OUTFALL CONTROL STRUCTURE (S).
2.8. STORMWATER CONTROL STRUCTURE INFORMATION (INCLUDING BOX STRUCTURES, FLUMES, AND SPILLWAYS) SHALL INCLUDE DIMENSIONS AND ELEVATIONS OF ALL PIPES, WEIRS, SLOTS, ORIFICES, GRATES, AND SKIMMERS, AS SHOWN ON CONSTRUCTION DETAILS AS A MINIMUM.
2.9. FOR ALL STORMWATER PONDS AND OPEN CONVEYANCE SYSTEMS, PROVIDE TOP OF BANK ELEVATIONS, BOTTOM ELEVATIONS, AND HORIZONTAL DIMENSIONS MEASURED AT LOCATIONS AS SHOWN ON THE CONSTRUCTION PLANS.
2.10. HORIZONTAL LOCATIONS AND VERTICAL ELEVATIONS INCLUDING STRUCTURE TOPS, INVERT ELEVATIONS, AND PIPE SIZES FOR ALL UTILITY AND STORM STRUCTURES INCLUDING BUT NOT LIMITED TO MANHOLES, INLETS, CLEANOUTS, VALVES, FITTINGS, AND CONNECTION POINTS.
2.11. LENGTHS OF PIPELINES BETWEEN STRUCTURES.
2.12. UTILITY LOCATIONS TIED HORIZONTALLY TO EDGE OF PAVEMENT AND RIGHT-OF-WAY LINES, LOCATED EVERY 100-FT PLUS ALL CHANGES IN HORIZONTAL OFFSET.
2.13. VERTICAL ELEVATIONS OF ALL PIPELINES WHERE THERE IS A CROSSING OF NEW AND EXISTING DOMESTIC AND FIRE WATER MAINS, SANITARY SEWER MAINS, AND STORM SEWER LINES IN ORDER TO DOCUMENT THAT THE MINIMUM REQUIRED VERTICAL SEPARATIONS HAVE BEEN MET.
2.14. HORIZONTAL AND VERTICAL DATA FOR ANY CONSTRUCTION THAT DEVIATES FROM THE APPROVED ENGINEERING DRAWINGS.
3. FOR ALL INSTALLED GRAVITY SANITARY SEWERS AND GRAVITY STORM SEWERS, THE CONTRACTOR SHALL HAVE INTERNAL TELEVISION INSPECTION PERFORMED BY A QUALIFIED SUBCONTRACTOR. THE INSPECTION SHALL BE RECORDED AND ALL FEATURES SHALL BE MEASURED AND LOGGED AS THE CAMERA PROGRESSES THROUGH THE PIPE. INSPECTION REPORTS SHALL INCLUDE PIPE SIZE, PIPE MATERIAL, LOCATION OF CHANGES IN MATERIAL, BRANCH OR CONNECTION LOCATIONS AND LOCATIONS OF DEFECTS.

Table with columns: NO., DATE, DRAWN BY, CHECKED BY, REVISION, DATE. Includes drawing information for project 402-19-013.

Logo for Burger King and Premier Kings Holdings of Georgia, LLC. Address: 5629 Carmichael Rd, Monticomoery, AL 36117. Phone: (334) 313-0494.

Logo for Hatched and Hatched Analytics. Address: 2126 Adams Avenue, Jacksonville, FL 32202. Phone: (904) 322-1271. Website: www.hatchedanalytics.com.

Professional Engineer License for Ilcana Martinez, No. 82470, State of Florida.

Project information for Burger King - Renovation, 13049 Main Street N., Jacksonville, FL 32218. Project No. 402-19-013. Includes logo for LBVD, Inc. and copyright notice for 2019.